

"Express Mail" mailing label number EL 856 150 878 US. I hereby certify that this document and referenced attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on 8-2-01

By: Nancy Ramos Printed: Nancy Ramos

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bandman, et al.

Title: SH3-CONTAINING PROTEINS

Serial No.: To Be Assigned Filing Date: Herewith

Examiner: To Be Assigned Group Art Unit: To Be Assigned

---

### Official Draftsman

Commissioner for Patents  
Washington, D.C. 20231

### SUBMISSION OF FORMAL DRAWINGS

Sir:

Transmitted herewith are Figure(s) 1A, 1B, 1C, 1D, 2A, 2B, 3A, 3B, as 8 (eight) sheets of formal drawings for this application. Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawings.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108. A duplicate copy of this communication is enclosed.**

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-855-0555.

Respectfully submitted,  
INCYTE GENOMICS, INC.

Date: August 8, 2001

Susan K. Sather  
Susan K. Sather  
Reg. No. 44,316  
Direct Dial Telephone: (650) 845-4646

3160 Porter Drive  
Palo Alto, California 94304  
Phone: (650) 855-0555  
Fax: (650) 845-4166

09225122-080801

[illegible]

FIGURE1A

387	AAG AAT CCT	396	CAG ATG GGA	405	CCA GCC	414	TTG GAT	423	CAC AAA	432	TTA GCA
	K N P Q		M G D		P A S		L D H		K L A		E V
441	AGC CAA AAT	450	ATA GAG AAA	459	CTG CGA GTA	468	GAG ACC	477	CAG AAA	486	TTT GAG
	S Q N I		E K L		R V E		T Q K		F F		A W L
495	GCT GAG GTT	504	GAA GGC CGG	513	CTC CCA GCA	522	CGC AAC	531	GAG CGC	540	CGG CAG
	A E V		E G R		L P A		R N E		Q A R		R Q S
549	GGA CTG TAC	558	GAC AGC CAG	567	AAC CCA CCC	576	ACA GTC	585	AAC TGC	594	GCC CAG
	G L Y D		S Q N		P P T		V N C		A A Q		D R
603	GAG AGC CCA	612	GAT GGC AGT	621	TAC ACA GAG	630	GAG CAG	639	GAG AGT	648	GAG ATG
	E S P D		G S Y		T E Q		S Q E		S E M		K
657	GTG CTG GCC	666	ACG GAT TTT	675	GAC GAC GAG	684	TTT GAT	693	GAG CCC	702	CTC CCT
	V L A T		D F D		D E F		D D E		P L P		A
711	ATA GGG ACG	720	TGC AAA GCT	729	CTC TAC ACA	738	TTT GAA	747	GAT GAA	756	GGG ACG
	I G T C		K A L		Y T F		E G Q		N E G		T I

FIGURE 1B

765	774	783	792	801	810
TCC GTA GTT GAA GGA GAA ACA TTG TAT GTC ATA GAG GAA GAC AAA GGC GAT GGC					
S V V E G E T L Y V I E E D K G D G					
819	828	837	846	855	864
TGG ACC CGC ATT CGG AGA AAT GAA GAT GAA GAG GGT TAT GTC CCC ACT TCA TAT					
W T R I R R N E D E E G Y V P T S Y					
873	882	891	900	909	918
GTC GAA GTC TGT TTG GAC AAA AAT GCC AAA GGT GCT AAG ACT TAT ATT TAA TAC					
V E V C L D K N A K G A K T Y I					
927	936	945	954	963	972
CAT AAA AAA AAA AAA CTT AAA AAA AAT GGA GTT GTT TCT CCC CAC AAC CGT GAC					
981	990	999	1008	1017	1026
TGCT TAC AGG CAG TTC CTC AAG AGA CTG GCT GGC AAG CAC CAT AAT GCA CGT TCT					
1035	1044	1053	1062	1071	1080
CCT GTA GTC TCA CGT GGA CTT CAG GGT CCG GGC ACC TGA ATT GCC TTG TCT AGT					
1089	1098	1107	1116	1125	1134
TTG GGC TGT AAT CAA GTT TCA CTT GCT GAT GAA ATT TTA TGT GGA AAG CTG CCA					

FIGURE 1C

108080.22152660

1143	1152	1161	1170	1179	1188
ACC GCC AAC TTA	CAG CTA TGT CAT TCA AAA TCT GAT AAA CAT TTC TTC TTT TGG				
1197	1206	1215	1224	1233	1242
CGG TAT CTG TAG ATT AAA AAA AAA GTT GCA TTG TAG CTT CTC ATC TTT CTG AAT					
1251	1260	1269	1278	1287	1296
TTA AAA GCC GGC ACG CAT CAT GCA GGT GCC AAA GAC TTC OCT ACT CTT GTT TAT					
1305	1314	1323	1332	1341	1350
ATC TAG TAT CCA CCA TAC ACT GAG CTA CAT TAG GTG GTT ACA GAT TGT AAC TTA					
1359	1368	1377	1386	1395	1404
ATA AAC TGA ACT GTG TTA GTT TGT TAA ATT GGA TAC TCA TTC ACT TGG GGA GGA					
1413	1422	1431	1440	1449	1458
GTC ACA AGT GAA ATA CCA TCT CTT TCT TGA CTA AAG CGG TAA ATA AGG TTC TTA					

TTG 3'

FIGURE 1D

			9	18	27	36	45	54
5'	NNA	TGA ACC GTG CAC CCT NCG ACA GCA GTC TGG GCA CCC CCT ACG GAT GGA CGG						
			63	72	81	90	99	108
	NCT	GAA CTC CGA GGN CCG GGT OGC AGC CGC ACC AAG CGC TGG NCT TTTT GGC AAG						
			117	126	135	144	153	162
	AAG AAC AAG ACA GTG GTG ACC GAG GAT TTTT AGC CAC TTG CCC OCC AAG CAG CAG							
			171	180	189	198	207	216
	CGA AAA CGG CTT CAA CAG CAG TTG GAA GAA CGC AGT CGT GAA CTT CAG AAG GAG							
			225	234	243	252	261	270
	GTT GAC CAG AGG GAA GCC CTA AAG AAA ATG AAG GAT GTC TAT GAG AAG ACA CCT	M	K	D	V	E	K	T P
			279	288	297	306	315	324
	CAG ATG GGG GAC CCC GCC AGC TTG GAG CCC CAG ATC GCT GAA ACC CTG AGC AAC	Q	M	G D P A S L E P Q I A E T L S N				
			333	342	351	360	369	378
	ATT GAA CGG CTG AAA TTG GAA GTG CAG AAG TAT GAG GCG TGG CTG GCA GAA GCT	I	E R L K L E V Q K Y E A W L A E A					
			387	396	405	414	423	432
	GAA AGT CGA GTC CTT AGC AAC CGG GGA GAC AGC CTG AGC CGG CAC GCC CGG CCT	F	S R V L S N R G D S L S R H A R P					

FIGURE2A

441	CCC GAN CCC	450	CCC GCT AGC	459	CCA CCG	468	AGC AGC	477	AAC AGC	486	GCA TCA CAG
	P X P A S		A P P D S		P S S N S		A S A S		A S A S		Q
495	AAG GAG AGC	504	TCT GAA GAG	513	CCT CCC	522	TCA GAA GAG	531	AGC AGC	540	GAC ACC CCC
	D T K E S		S S E E P		P P S E E		S S Q D T		P P		
549	TAC ACG GAG	558	TTT GAT GAG	567	TTC GAT GAG	576	GAG GAA CCC	585	ACA TCC	594	CCC ATA GGT
	I Y T E F		D E D F E		E E E P T		S P S P I		G		
603	TGT GTG GCC	612	ATC TAC CAC	621	TTT GAA GGG	630	TCC AGC GAG	639	GGC ACT	648	ATC TCT ATG
	H C V A I		Y Y H F E		G S S E G		T I S M				
657	GAG GGT GAA	666	CTC GAC CTG	675	ATG GAA GAA	684	GAC AAA GGG	693	GAC GGC	702	TGG ACC
	A E G E D		L S L M E		E D K G D		G W T				
711	GTC AGG CGG	720	AAA GAG GGA	729	GGC GAG GGC	738	TAC GTG CCC	747	ACC TCC	756	TAC CTC CGA
	R V R R K		E E G G A		G G Y V P		T S Y L R				
765	ACG CTC AAT	774	TGA ACC C		3'						
	V T L N										

FIGURE 2B

1	M	K	R	T	V	S	D	N	S	L	S	N	S	R	G	E	G	K	P	D	L	K	F	G	K	S	K	G	K	L	W	P	F	I	K	K	N	K	G	865744	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1816529		
1	K	I	H	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	g1255033		
41	A	T	P	E	D	F	S	N	L	P	P	E	Q	R	R	K	K	L	Q	K	V	D	E	L	N	K	E	I	Q	K	E	M	D	Q	R	D	A	I	T	865744	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1816529		
13	V	T	P	E	D	F	S	N	L	P	P	E	Q	R	R	K	K	L	Q	K	V	D	E	L	N	R	E	I	Q	K	E	T	D	Q	R	D	A	I	T	g1255033	
81	K	M	K	D	V	Y	L	K	N	P	Q	M	G	D	P	A	S	L	D	H	K	L	A	E	V	S	Q	N	I	E	K	L	R	V	E	T	Q	K	F	E	865744
1	-	M	K	D	V	Y	E	K	T	P	Q	M	G	D	P	A	S	L	E	P	Q	I	A	E	T	L	S	N	I	E	R	L	K	L	E	V	Q	K	Y	E	1816529
53	K	M	K	D	V	Y	L	K	N	P	Q	M	G	D	P	A	S	L	D	Q	K	L	T	E	V	T	Q	N	I	E	K	L	R	L	E	A	Q	K	F	E	g1255033
121	A	W	L	A	E	V	E	G	R	-	L	P	A	R	N	E	Q	-	A	R	Q	S	G	L	Y	D	S	Q	N	P	T	V	N	N	C	A	Q	D	865744		
40	A	W	L	A	E	A	E	S	R	V	L	S	N	R	G	D	S	L	S	R	H	A	R	P	P	X	P	A	S	A	P	P	D	S	S	N	S	A	1816529		
93	A	W	L	A	E	V	E	G	R	-	L	P	A	R	S	E	Q	-	A	R	Q	S	G	L	Y	D	G	Q	T	H	Q	T	V	T	N	C	A	Q	D	g1255033	

FIGURE 3A



159	R	E	S	P	D	G	S	Y	T	E	E	Q	S	Q	E	S	E	M	K	V	L	A	T	D	F	D	D	E	F	D	D	E	E	P	L	P	A	I	G	T	865744
80	S	Q	D	T	K	E	S	E	P	P	S	E	S	Q	D	T	P	I	Y	T	E	F	D	E	D	F	E	-	E	E	P	T	S	P	I	G	H	1816529			
131	R	E	S	P	D	G	S	Y	T	E	E	Q	S	Q	E	S	E	H	K	V	L	A	P	D	F	D	D	E	F	D	D	E	E	P	L	P	A	I	G	T	g1255033
199	C	K	A	L	Y	T	F	E	G	Q	N	E	G	T	I	S	V	V	E	G	E	T	L	Y	V	I	E	E	D	K	G	D	G	W	T	R	I	R	R	N	865744
119	C	V	A	I	Y	H	F	E	G	S	S	E	G	T	I	S	M	A	E	G	E	D	L	S	L	M	E	E	D	K	G	D	G	W	T	R	V	R	R	K	1816529
171	C	K	A	L	Y	T	F	E	G	Q	N	E	G	T	I	S	V	V	E	G	E	T	L	S	V	I	E	E	D	K	G	D	G	W	T	R	I	R	R	N	g1255033
239	E	D	E	E	G	Y	V	P	T	S	Y	V	E	V	C	L	D	K	N	A	K	G	A	K	T	Y	I	865744													
159	E	G	G	E	G	Y	V	P	T	S	Y	L	R	V	T	L	N	1816529																							
211	E	D	E	E	G	Y	F	P	T	S	Y	V	E	V	Y	L	D	K	N	A	K	G	A	K	T	Y	I	g1255033													

FIGURE 3B